

CONFIDENTIAL

SECURITY INFORMATION

50X1

50X1

COUNTRY USSR

DATE DISTR. 5 Nov. 1953

SUBJECT Copper Smelting Plant of the Noril'sk  
Nickel Combine

NO. OF PAGES 2

NO. OF ENCLS.  
(LISTED BELOW)

SUPPLEMENT TO  
REPORT NO.

THIS IS UNEVALUATED INFORMATION

50X1

1. Construction of the Copper Smelting Plant (Medno-plavil'nyy zavod), located 5 to 10 km. northwest of Noril'sk ~~N~~ 69-20, E 88-067, was completed in 1951.

this plant was part of the Noril'sk Nickel Combine. This plant was commonly thought to be a copper smelting plant among the workers at the Noril'sk Nickel Combine, and there were indications that this belief was correct.

- a. In 1951, 20 smelting operators, from the Nickel Combine, mostly from the Large Smeltery (Bol'shoy plavil'nyy tsekh), but some of them from the Metal Testing Workshop (Opytnyy metallurgicheskiy tsekh) were sent to this new plant.
- b. In 1951 the Large Smeltery stopped producing copper, the new plant having taken over copper production.

CONFIDENTIAL

SECURITY INFORMATION

**Page Denied**

CONFIDENTIAL

-2-

50X1

c. Joint experiments were conducted in 1951 in the Metal Testing Workshop by technicians from this workshop and the director and some technicians from the new plant, who said they worked at the Copper Smeltery Plant.

2. [redacted] when this plant first went into operation it had difficulties in finding the proper method of smelting copper ore. [redacted] the director and some technicians from this plant arrived at the Metal Testing Workshop in 1951 to conduct tests. [redacted] the slag tended to stick to the walls of the testing furnace and would not melt except at temperatures higher than the 1,200° C. produced by the furnace. These tests were carried on for about three months without success. [redacted]

Comment: [redacted] the Large Smeltery was able to smelt copper properly and the new Copper Smelting Plant apparently could not, [redacted] perhaps the Large Smeltery had also had this same difficulty.

CONFIDENTIAL

**Page Denied**